Application No. 09/972,268
RCE dated 01 April 2004
Response to Office Action of 03 Oct 2003

Amendments to the Specification:

Please replace the paragraph beginning at page 6, line 15, with the following rewritten paragraph:

-- Particularly conserved regions and amino acid residues common to nectin polypeptides were identified by aligning nectin polypeptide sequences with each other and additional closely-related members of the nectin-Ig superfamily of proteins. The amino acid sequence of nectin-3α and nectin-4 (SEQ ID Nos: 6 and 24) were compared with the amino acid sequences of other nectin and Ig family members (SEQ ID NO:20, 22, and 25), using a multiple sequence alignment program. The alignment of these sequences is shown in Table 2, and includes consensus residues (capitalized), which are identical among at least a majority [(three)] of the [five] amino acid sequences in the alignment. [In addition, lower case residues are shown on a separate line of Table 2 and represent residues that are not consensus residues, but are identical between human nectin-3α and human nectin-4 (SEQ ID Nos: 6 and 24).] - -

Please replace Table 2 beginning at page 7, line 7, with the following rewritten Table:

Table 2
Conserved Nectin Amino Acids

(Hs=Homo sapiens)

(Mus=Murine)	
HUNECTIN2 (SEQ ID NO:22) HUCD155 (SEQ ID NO:25) HUNECTIN1 (SEQ ID NO:20) HUNECTIN3 (SEQ ID NO:6) HUNECTIN4 (SEQ ID NO:24) consensus	MARAAALLPS RSPPTPLLWP LLLLLLL AAAAAAAAAAAAAAAAAAAAAAAAAAA
HUNECTIN2 HUNECTIN1 HUNECTIN3 HUNECTIN4	100ETGAQDVR VQVLPEVRGQ LGGTVELPCH L.LPPVPGLY ISLVTWQRPD WPPPGTGDVV VQAPTQVPGF LGDSVTLPCY LQVPNMEVTH VSQLTWAR FFLPGVHSQV VQVNDSMYGF IGTDVVLHCS FANP.LPSVK ITQVTWQK.S RLCGALAGP. IIVEPHVTAV WGKNVSLKCL IEVNET ITQISWEKIH GRCPAGE. LETSDVVTVV LGQDAKLPCF YRGDSGEQ VGQVAWARVD
HUNECTIN2 HUNECTIN1 HUNECTIN3 HUNECTIN4	101 APANHQNVAA FHPKMGPSFP SPKPGSERLS FVSAKQSTGQ DTEAELQDAT .HGESGSMAV FHQTQGPSYS ESKRLE FVAARLGAELRNAS TNGSKQNVAI YNPSMGVSVLAPYRERVE FLRPSFTDGT .GKSSQTVAV HHPQYGFSVQGEYQGRVL FKNYSLNDAT AGEGAQELAL LHSKYGLHVSPAYEGRVE QPPPPRNPLDGS G Q A H YG SV Y GRVE F DAT Q VA HP G SV Y RVE F DAT

HUNECTIN2 HUNECTIN1 HUNECTIN3 HUNECTIN4	LALHGLTVED EGNYTCEFAT LRMFGLRVED EGNYTCLFVT IRLSRLELED EGVYICEFAT ITLHNIGFSD SGKYICKAVT VLLRNAVQAD EGEYECRVST L D EG Y C F T	FPQGSRSVDI FPTGNRESQL FPLGNAQSST FPAGSFQARL	WLRVLAKPQN NLTVMAKPTN TVTVLVEPTV RLRVLVPPLP LRVLAKP N	TAEVQKVQL. WIEGTQAVLR SLIKGPDSLI SLNPGP.ALE
HUNECTIN2 HUNECTIN1 HUNECTIN3 HUNECTIN4	201SQDPTT VALCISKEGETGEPVP MARCVSTGGE AKKGQDDKVL VATCTSANGK DGGNETV AAICIAATGK EGQGLTL AASC.TAEGS T A C SA G	PPAQITWHSD PPSVVSWETR PVAHIDWEGD	LGGMPNTSQV LKGEARVPGD LGEMESTT	PGFLSGTVTV SGTPMAPVTV TSFPNETATI
HUNECTIN2 HUNECTIN1 HUNECTIN3 HUNECTIN4	_	VEHESFEK VNYHMDRFKE VKHPALEK VSHPGLLQ	PQLLTVNLTVSLTLNV DIRYSFILDI DQRITHILHV	YYPPEVSISG QYEPEVTIEG QYAPEVSVTG SFLAEASVRG Y PEVSI G
HUNECTIN2 HUNECTIN1 HUNECTIN3 HUNECTIN4	301 Y.DDN.WYLG RTDATLSCDV Y.DNN.WYLG QNEATLTCDA F.DGN.WYLQ RMDVKLTCKA Y.DGN.WFVG RKGVNLKCNA LEDQNLWHIG REGAMLKCLS Y.D.N.WYLG R. GA. LkC. A Y.D.N.WYLG R. A.L.C.A	RSNPEPTGYN DANPPATEYH DANPPPFKSV EGQPPPSYN. NPPPTY	WSTTMGPLPP WTTLNGSLPK WSRLDGQWPD	FAVAQGAQLL GVEAQNRTLF GLLASDNTLH
HUNECTIN2 HUNECTIN1 HUNECTIN3 HUNECTIN4	351 IH.AVDSLFN TTFVCTVTNA IR.PVDKPIN TTLICNVTNA FKGPINYSLA GTYICEATNE FVHPLTFNYS GVYICKVTNS F.PPLTTEHS GIYVCHVSNE F Plt s G YIC VTN F P GTYIC VTN	LGARQAELTV IGTRSGQVEV LGQRSDQKVI	QVKEGP NITEFPYTPS YISDPPTTTT DVLDPQEDSG EpP	LQPTIQWHPS
HUNECTIN2 HUNECTIN1 HUNECTIN3 HUNECTIN4	TADIEDLATE PKKLPFPLST	PRDVG HSGISRN HGRRAGPVPT LATIKDDTIASAS	AIIFLVLG AIIGGVAGSI TIIASVVGGA	ILVFLILLGI LLVLIVVGGI LFIVLVSVLA
HUNECTIN2 HUNECTIN1 HUNECTIN3 HUNECTIN4	SLAFILLRVR RRRKS GIYFYWSKCS REVLWHCHLO VVALRRRRHT FKGDYSTKKH GIFCYRRRRT FRGDYFAKNY LMSRYHRRKAQQMTQKY YRR	. PSSEHHQSC . VYGNGYSKA ! IPPSDMQKES	RN~~~~~~ GIPQHHPPMA QIDVLQQDEL	QNLQYPDDSD DSYP.DSV

HUNECTIN2 HUNECTIN1 HUNECTIN3 HUNECTIN4	.DEKKAGPLG .KKENKNP	G.SSYEEEEE .VNNLIRKDY	EEEEKAEKGL ~~~~~~~ EEEGGGGGER LEEPEKTQWN SEEPEGRSYS Eepe EE	~~~~~~~ KVGGPHPKYD NVENLNRFER	EDAKRPYFTV PMDYYEDLKM
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	GM.KFVSDEH	YDENEDDLVS	PEQLDLAENM HVDGSVI HFVQENGTLR	SRREWYV	~~~~~